

**Contains No CBI**



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22 SEP 92 PM 1:15

September 16, 1992

Document Processing Center (TS-790)  
Office of Pollution Prevention and Toxics  
U. S. Environmental Protection Agency  
401 M Street, SW  
Washington, DC 20460  
Attn: 8(e) Coordinator (CAP Agreement)

8EHQ-92-12493

8892 0010678

INIT

Dear Sir or Madam:

Subject: Report submitted in accordance with guidelines established by the U. S. Environmental Protection Agency Registration and Agreement for the TSCA 8(e) Compliance Audit Program

Report submitted by: Eastman Kodak Company  
343 State Street  
Rochester, NY 14650  
(716) 724-4000  
CAP Agreement Identification Number (8ECAP-0039)

This report pertains to 2-propanamine (synonym: isopropylamine; IPA) [CAS# 75-31-0] and is being submitted because of lethality with central nervous system signs observed during acute oral toxicity testing in rats. The single dose oral LD<sub>50</sub> was less than 100 mg/kg. The material was also a severe skin irritant. This report is being identified as a study involving other than human effects (Unit II.B.2.b of CAP Agreement).

Questions regarding this submission should be addressed to:  
Mr. William Hart, Eastman Kodak Company  
Corporate Health and Environment Laboratories  
Rochester, NY 14652-3615  
(716)722-5991

Sincerely,

*R. Hays Bell*

R. Hays Bell, Ph.D., Vice President  
Corporate Health, Safety and Environment  
(716)722-5036

RHB:DRG  
Enclosure

2/16/93

**TOXICITY REPORT - E.K.CO. - LABORATORY OF INDUSTRIAL MEDICINE**

**Chemical:** Isopropylamine  
(IPA) **No.:**

Solution	Animals* No. and Species	Route**	Dose Range	Approx. LD <sub>50</sub>	Symptoms	Time of Death	Wt. Change 2 wks
<u>Acute Toxicity</u>							
44.4% in water	5 R	P.O.	mg/kg 100-1600	mg/kg < 100	Weakness, ataxia, gasping, convulsions	3 M-6 d	---
44.4% in water	5 R	I.P.	50-800	< 50	Weakness, ataxia, unconsciousness	1-3/4 h- 2 days	---
Notebook No. A 55 P 29							
<u>Skin Absorption and Irritation</u>							
44.4% in water	2 G.P.	Rubber Cuff & Gauze Pad	cc/kg 5 & 10	cc/kg < 5	After death - entire area gray and necrotic	1 day	----
Notebook No. A 54 P 25							

\*G.P. - Guinea Pig, M - Mouse,  
R - Rat, RB - Rabbit

\*\*P.O - Orally, IP - Intraperitoneally, 10/27/53  
IM - Intramuscularly, IC - Intracutaneously

Remarks: Highly toxic compound.  
Severe irritation and rapid skin absorption.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

R. Hays Bell, Ph.D.  
Vice President, Corporate Health, Safety, and Environment  
Eastman Kodak Company  
343 State Street  
Rochester, New York 14650

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

APR 18 1995

EPA acknowledges the receipt of information submitted by your organization under Section 8(e) of the Toxic Substances Control Act (TSCA). For your reference, copies of the first page(s) of your submission(s) are enclosed and display the TSCA §8(e) Document Control Number (e.g., 8EHQ-00-0000) assigned by EPA to your submission(s). Please cite the assigned 8(e) number when submitting follow-up or supplemental information and refer to the reverse side of this page for "EPA Information Requests".

All TSCA 8(e) submissions are placed in the public files unless confidentiality is claimed according to the procedures outlined in Part X of EPA's TSCA §8(e) policy statement (43 FR 11110, March 16, 1978). Confidential submissions received pursuant to the TSCA §8(e) Compliance Audit Program (CAP) should already contain information supporting confidentiality claims. This information is required and should be submitted if not done so previously. To substantiate claims, submit responses to the questions in the enclosure "Support Information for Confidentiality Claims". This same enclosure is used to support confidentiality claims for non-CAP submissions.

Please address any further correspondence with the Agency related to this TSCA 8(e) submission to:

Document Processing Center (7407)  
Attn: TSCA Section 8(e) Coordinator  
Office of Pollution Prevention and Toxics  
U.S. Environmental Protection Agency  
Washington, D.C. 20460-0001

EPA looks forward to continued cooperation with your organization in its ongoing efforts to evaluate and manage potential risks posed by chemicals to health and the environment.

Sincerely,

*Terry R. O'Bryan*  
Terry R. O'Bryan  
Risk Analysis Branch

Enclosure

12493A



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### Triage of 8(e) Submissions

Date sent to triage: APR 20 1995

NON-CAP

CAP

Submission number: 12493A

TSCA Inventory: Y N D

Study type (circle appropriate):

Group 1 - Dick Clements (1 copy total)

ECO

AQUATO

Group 2 - Ernie Falke (1 copy total)

ATOX

SBTOX

SEN

w/NEUR

Group 3 - Elizabeth Margosches (1 copy each)

STOX

CTOX

EPI

RTOX

GTOX

STOX/ONCO

CTOX/ONCO

IMMUNO

CYTO

NEUR

Other (FATE, EXPO, MET, etc.): \_\_\_\_\_

Notes:

**THIS IS THE ORIGINAL 8(e) SUBMISSION; PLEASE REFILE AFTER TRIAGE DATABASE ENTRY**

#### For Contractor Use Only

entire documents: 0 1 2 pages 1 pages 12

Notes:

Contractor reviewer: FOR

Date: 3/29/95

## CECATS/TRIAGE TRACKING DBASE ENTRY FORM

## CECATS DATA:

Submission # 8EHQ-0992-12493 SEQ. ATYPE: INT SUPP FLWPSUBMITTER NAME: Eastman KodakCompanySUB. DATE: 09/14/92 OTS DATE: 09/24/92 CSRAD DATE: 02/16/95CHEMICAL NAME:CAS#75-31-0

## INFORMATION REQUESTED: FLWP DATE:

0501 NO INFO REQUESTED

0502 INFO REQUESTED (TECH)

0503 INFO REQUESTED (VOL ACTIONS)

0504 INFO REQUESTED (REPORTING RATIONALE)

## DISPOSITION:

0639 REFER TO CHEMICAL SCREENING0678 CAP NOTICE

## VOLUNTARY ACTIONS:

0401 NO ACTION REPORTED

0402 STUDIES PLANNED/IN PROGRESS

0403 NOTIFICATION OF WORKING CONDITIONS

0404 LABEL/MSDS CHANGES

0405 PROCESS/HANDLING CHANGES

0406 APP/USE DISCONTINUED

0407 PRODUCTION DISCONTINUED

0408 CONFIDENTIAL

## INFORMATION TYPE:

## P F C

0201	ONCO (HUMAN)	01 02 04
0202	ONCO (ANIMAL)	01 02 04
0203	CELL TRANS (IN VITRO)	01 02 04
0204	MUTA (IN VITRO)	01 02 04
0205	MUTA (IN VIVO)	01 02 04
0206	REPRO/TERATO (HUMAN)	01 02 04
0207	REPRO/TERATO (ANIMAL)	01 02 04
0208	NEURO (HUMAN)	01 02 04
<u>0209</u>	NEURO (ANIMAL)	<u>01 02 04</u>
0210	ACUTE TOX. (HUMAN)	01 02 04
0211	CHR. TOX. (HUMAN)	01 02 04
<u>0212</u>	ACUTE TOX. (ANIMAL)	<u>01 02 04</u>
0213	SUB ACUTE TOX (ANIMAL)	01 02 04
0214	SUB CHRONIC TOX (ANIMAL)	01 02 04
0215	CHRONIC TOX (ANIMAL)	01 02 04

## INFORMATION TYPE:

0216

EPI/CIN

0217

HUMAN EXPOS (PROD CONTAM)

0218

HUMAN EXPOS (ACCIDENTAL)

0219

HUMAN EXPOS (MONITORING)

0220

ECO/AQUA TOX

0221

ENV. OCCC/REL/FATE

0222

EMER INCI OF ENV CONTAM

0223

RESPONSE REQUEST DELAY

0224

PROD/COMP/CHEM ID

0225

REPORTING RATIONALE

0226

CONFIDENTIAL

0227

ALLERG (HUMAN)

0228

ALLERG (ANIMAL)

0239

METAB/PHARMACO (ANIMAL)

0240

METAB/PHARMACO (HUMAN)

## P F C

01 02 04

01 02 04

01 02 04

01 02 04

01 02 04

01 02 04

01 02 04

01 02 04

01 02 04

01 02 04

01 02 04

01 02 04

01 02 04

01 02 04

01 02 04

01 02 04

## INFORMATION TYPE:

0241

IMMUNO (ANIMAL)

0242

IMMUNO (HUMAN)

0243

CHEM/PHYS PROP

0244

CLASTO (IN VITRO)

0245

CLASTO (ANIMAL)

0246

CLASTO (HUMAN)

0247

DNA DAM/REPAIR

0248

PROD/USE/PROC

0251

MSDS

0299

OTHER

## P F C

01 02 04

01 02 04

01 02 04

01 02 04

01 02 04

01 02 04

01 02 04

01 02 04

01 02 04

01 02 04

## TRIAGE DATA:

## NON-CBI INVENTORY

YES

CAS SR

NO

IN INVENT

## ONGOING REVIEW

YES (DROP/REFER)

NO (CONTINUE)

REFER

## SPECIES

RATGP

## TOXICOLOGICAL CONCERN:

LOW

MED

HIGH

## USE:

## PRODUCTION:

COMMENTS:

8 (E) -12493A

H/H

ACUTE ORAL TOXICITY IN RATS IS OF HIGH CONCERN BASED ON AN LD50 LESS THAN 100 MG/KG. DOSAGE RANGE WAS 100-1600 MG/KG (5). TOXIC SIGNS INCLUDED WEAKNESS, ATAXIA, GASPING, AND CONVULSIONS. NO OTHER INFORMATION WAS SUBMITTED WITH REPORT.

ACUTE DERMAL IRRITATION IN GUINEA PIGS IS OF HIGH CONCERN BASED ON LETHALITY, SEVERE IRRITATION, AND A GRAY COLOR AND NECROSIS AT THE EXPOSED AREA FROM EXPOSURE TO 5 AND 10 CC/KG OF A 44.4% SOLUTION. THE LD50 WAS LESS THAN 5 CC/KG.